PTO/SB/05 (01-04) Approved for use through 07/31/2006. OMB 0651-0032

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# UTILITY PATENT APPLICATION **TRANSMITTAL**

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UTILITY	Attorney Docket No.	PD-03W111  ROBERT D. SLATER  OPERATIONS AND SUPPORT	
UTILITY PATENT APPLICATION TRANSMITTAL	First Inventor		
	Title		
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	EV 277443779	

	APPLICATION ELEMENTS apter 600 concerning utility patent application contents.	ADDRESS TO: Commiss P.O. Box	Patent Application ioner for Patents 1450 ia VA 22313-1450					
2. Applicant See 37 C Specifica (preferred - Descripti - Cross Re - Stateme - Referenc or a com - Backgron - Brief Sur - Brief Sur - Brief Des	nsmittal Form (e.g., PTO/SB/17) In original and a duplicate for fee processing) It claims small entity status.  CFR 1.27. In ation [Total Pages 53 ] If arrangement set forth below) It ive title of the invention If arrangement set forth below) It ive title of the invention If arrangement set forth below) It ive title of the invention If arrangement set forth below) It is title of the invention If arrangement set forth below) If it is title of the invention If arrangement set forth below) If it is title of the invention If arrangement set forth below) If it is title of the invention If arrangement set forth below) If it is title of the invention If arrangement set forth below) If it is title of the invention If arrangement set forth below) If it is title of the invention If arrangement set forth below) If arrangement set	ii. Paper	endix) Sequence Submission Form (CRF) Ence Listing on: D-R (2 copies); or					
- Claim(s)		ACCOMPANYING AI	PLICATION PARTS					
<ul><li>4. Drawing(</li><li>5. Oath or Declar</li></ul>	ration [Total Sheets]  [Total Sheets]  [Total Sheets]  [Total Sheets]	10. 37 CFR 3.73(b) Statem (when there is an assign English Translation Doc Information Disclosure	nee) Attorney cument (if applicable) Copies of IDS					
	from a prior application (37 CFR 1.63(d)) ontinuation/divisional with Box 18 completed)	Statement (IDS)/PTO-1 13. Preliminary Amendmen 14. Return Receipt Postcar (Should be specifically i	t d (MPEP 503)					
Sig na 1.6	ELETION OF INVENTOR(S) gned statement attached deleting inventor(s) ame in the prior application, see 37 CFR 63(d)(2) and 1.33(b). ation Data Sheet. See 37 CFR 1.76	15. Certified Copy of Priorit (if foreign priority is clair Nonpublication Reques (b)(2)(B)(i). Applicant m or its equivalent.	y Document(s) med)					
	UING APPLICATION, check appropriate box, and sup		nd in the first sentence of the					
specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Prior application information:  Examiner  Art Unit:  For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
	19. CORRESPON	DENCE ADDRESS						
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Name TI	HOMAS J. FINN, ESQ., RAYTHEON COMPANY							
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0.1	L SEGUNDO	State CA,	Zip Code 90245					
		elephone 520.794.7980	Fax 529.794.3268					
Name (Print/Type) THONAS J. FINN, ESQ. Registration No. (Attorney/Agent) 48,066								
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PTO/SB/17 (10-03)

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FEE TRANSMITTA	┗▕	Applic	cation I	Numbe	er		
for EV 2004		Filing Date			HEREWITH		
for FY 2004		First Named Inventor		tor	ROBERT D. SLATER		
Effective 10/01/2003. Patent fees are subject to annual revision.		Exam	iner Na	ame			
Applicant claims small entity status. See 37 CFR 1.27		Art Uı					
TOTAL AMOUNT OF PAYMENT (\$) 1544.00			ney Do	cket N	0	PD-03W111	
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Deposit Account	1052	2 50	2052			narge - late provisional filing fee or sheet	
Name The Director is authorized to: (check all that apply)	1053	· ·	1053			English specification	
Charge fee(s) indicated below Credit any overpayments		2,520				ing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804			esting publication of SIR prior to iner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*		resting publication of SIR after niner action	
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1. BASIC FILING FEE	1252	420	2252	210	Exte	nsion for reply within second month	I
Large Entity Small Entity	1253	950	2253	475	Exte	nsion for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Exte	nsion for reply within fourth month	
1001 770 2001 385 Utility filling fee 770.00	1255	2,010	2255	1,005	Exte	nsion for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notic	ce of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402			g a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403		2403			est for oral hearing	
1005 160 2005 80 Provisional filing fee		1,510 2 110	1451 2452			on to institute a public use proceeding on to revive - unavoidable	
SUBTOTAL (1) (\$) 770.00	1452	3 1,330	2452			ion to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2501			y issue fee (or reissue)	
Fee from Ext <u>ra Claim</u> s <u>below</u> <u>Fee Paid</u>	1502	· ·	2502			gn issue fee	
Total Claims 56 -20** = 36 X 18 = 648.	1503	640	2503	320	Plan	t issue fee	
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Multiple Dependent =	1807	7 50	1807	50	Proc	essing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description	1806	180	1806			nission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Reco	ording each patent assignment per erty (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20	1809	770	2809		Filing	g a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	205		CFR 1.129(a)) each additional invention to be	
1204 86 2204 43 ** Reissue independent claims	1010	, ,,0	2010	500		nined (37 CFR 1.129(b))	
over original patent	180		2801			uest for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	180	2 900	1802	900		uest for expedited examination design application	
SUBTOTAL (2) (\$) 734.00 Other fee (specify)							
**or number previously paid, if greater; For Reissues, see above	*Red	duced by	Basic F	iling Fe	ee Pa	id SUBTOTAL (3) (\$) 40.00	
SUBMITTED BY (Complete (if applicable))							
Name (Print/Type) THOMAS J. FINIL ESQ. Registration No. (Attorney/Agent) 48,066 Telephone 520.794-7980						,	
Signature (Mm GQ) 7		Muorney	Agenti			Date 9-5-0	4

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#### DATE OF DEPOSIT:

02/05/04

#### PD-03W111

## OPERATIONS AND SUPPORT DISCRETE EVENT SIMULATION AND METHOD

by

#### ROBERT D. SLATER

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